

FEATURES

- Full family of 3" deep cell parabolic luminaires enclosed in clean, contemporary steel housing. Full top cover optional.
- Models available to meet IES RP-24 recommended luminance criteria for office lighting systems in VDT applications. Optimax products are available to meet preferred criteria.
- Choice of diffuse or specular louvers utilize the latest developments in louver finishing for minimized louver iridescence. Ideal for use with triphosphor lamps.
- Black reveal provides floating louver appearance.
- Lensed versions also available featuring aluminum doorframe, variety of flat shielding.
- For surface or stem mounting, unit or row installation.
- T-hinges die-formed for maximum strength. Latches spring-loaded, concealed in reveal.
- Guaranteed for one year against mechanical defects in manufacture.

SPECIFICATIONS

BALLAST — Thermally protected, resetting, Class P, HPF, non-PCB, UL listed, CSA-certified ballast is standard. Energy-saving and electronic ballasts are sound rated A. Standard combinations are CBM approved and conform to UL 935.

WIRING & ELECTRICAL — Fixture conforms to UL 1570 and is suitable for damp locations. AWM, TFN or THHN wire used throughout, rated for required temperatures.

MATERIALS — Housing formed from cold-rolled steel. Louvers formed from anodized aluminum. No asbestos is used in this product.

FINISH — Five-stage iron-phosphate pretreatment ensures superior paint adhesion and rust resistance. Painted parts finished with high-gloss, baked white enamel.

LISTING — UL listed and labeled. CSA certified (see options). NOM labeled (see options).

Specifications subject to change without notice.

Type

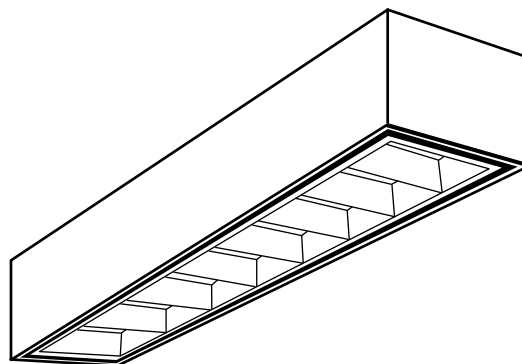
Catalog number

PARAMAX® Parabolic Surface Mount

PM3X 1'x4'

3" Deep Louver

1, 2, or 3 lamps



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedures. Floor reflectances are 20%. Lamp configurations shown are typical. Full photometric data on these and other configurations available upon request.

PM3 G B 1 32 8LD

Report LSI 10680

S/MH (along) 1.2 (across) 2.0

Coefficient of Utilization

Ceiling Wall	80%			70%			50%		
	70%	50%	30%	70%	50%	30%	50%	30%	10%
1	74	72	70	73	71	69	68	66	65
2	69	65	62	68	64	61	61	59	56
3	64	58	54	63	57	53	56	52	49
4	59	52	47	58	52	47	50	46	43
5	54	47	41	53	46	41	45	40	37
10	35	26	21	34	26	21	25	21	17

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	547	18.9	28.3
0-40	964	33.3	50.0
0-60	1821	62.8	94.1
0-90	1936	66.8	100.0
90-180	0	0	0
0-180	1936	66.8	100.0

PM3 G B 2 32 8LD

Report LTL 3297

S/MH (along) 1.2 (across) 1.7

Coefficient of Utilization

Ceiling Wall	80%			70%			50%		
	70%	50%	30%	70%	50%	30%	50%	30%	10%
1	76	74	72	74	72	70	69	68	66
2	71	67	63	70	66	62	63	61	58
3	66	60	56	65	59	55	57	54	51
4	61	54	49	60	53	49	52	48	45
5	56	49	43	55	48	43	47	42	39
10	37	28	23	36	28	23	27	22	19

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1234	21.3	31.2
0-40	2152	37.1	54.3
0-60	3760	64.8	94.9
0-90	3962	65.3	100.0
90-180	0	0	0
0-180	3962	65.3	100.0

PM3 G C 3 40 16LD

Report LTL 2806C

S/MH (along) 1.2 (across) 1.3

Coefficient of Utilization

Ceiling	80%		70%		50%		50%			
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%	
1	60	58	57	59	57	56	55	54	53	
2	56	53	50	55	52	50	50	48	47	
3	53	48	45	51	47	44	46	43	41	
4	49	44	40	48	43	40	42	39	36	
5	45	39	35	44	39	35	38	35	32	
10	31	24	20	30	24	20	23	19	17	

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1896	20.1	37.2
0-40	3060	32.4	60.1
0-60	4888	51.7	96.0
0-90	5091	53.9	100.0
90-180	0	0	0
0-180	5091	53.9	100.0

PM3X 1'x4' Deep Louvers, Paramax

MOUNTING DATA

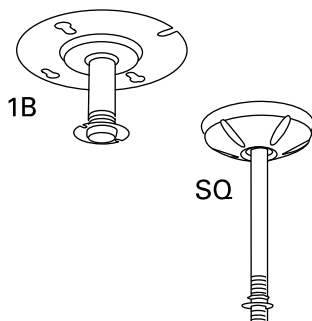
Surface or suspended mounting. Unit installation assumed.

UNIT INSTALLATION — Two hanging devices per fixture required on center ballast cover fixtures. Four required on fixtures with offset wireway.

For continuous row mounting, add suffix as follows:

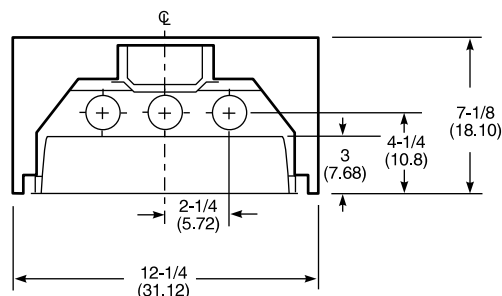
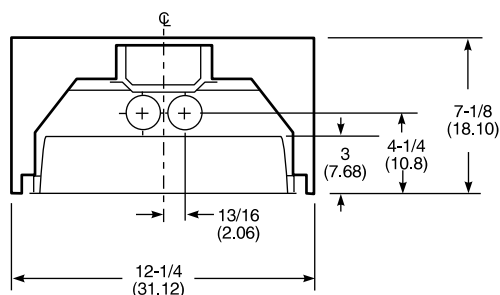
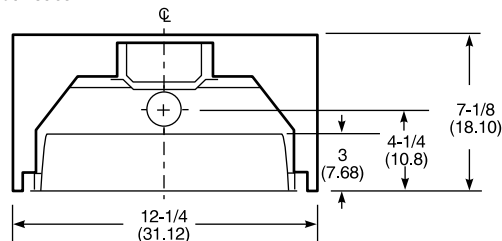
CRE — for end-of-row units (wireway access hole in one end plate).

CRM — for middle-of-row units (wireway access hole in both end plates).



DIMENSIONS

Inches (centimeters). Subject to change without notice.



ORDERING INFORMATION

Example: **PM3X 3 32 12LD 120 GEB**

PM3X				
Series	Lamp type	Number of cells	Louver finish	Options
PM3X Paramax 3" deep cell parabolic, 1' wide. Surface mount.	32 32W T8 (48") 40 40W T12 (48")	6, 8, 9, 12*,16* * 12 and 16 cells feature two rows of cells.	LD Low iridescent diffuse silver LS Low iridescent specular silver C Diffuse gold (champagne) G Specular gold	1/3 One 3-lamp ballast. GEB Electronic ballasts, ≤20% THD. GEB10 Electronic ballast, ≤10% THD. EL Emergency battery pack (nominal 300 lumens. See Life Safety Section). GLR Internal fast-blow fuse. GMF Internal slow-blow fuse. LP__ Lamped, specify lamp type and color. FTC Full top cover. CRE Continuous row, end. (KO in shroud end.) CRM Continuous row, middle. (KOs in both ends.) PAF Painted after fabrication (white enamel). CSA CSA-labeled for US shipment to Canada. NOM NOM-labeled for shipment to Mexico. JP16 Palletized and stretch-wrapped (16 per), G and MT trim only.
Number of lamps		Voltage		
1, 2, 3 Not included		120, 277, 347 Others available		

PM3X 1x4

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PM3X1x4.pm5

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